

WRIGHT MANUFACTURING DIVISION OF AMERICAN CHAIN COMPANY, INC.

YORK, PENNSYLVANIA

Manufacturers of Hand Operated Hoists, Electric Hoists, and Cranes

HOISTING AND CONVEYING EQUIPMENT

High Speed Hoists
Army Type Trolley Hoists
Special Low Headroom Hoists
Twin Hook High Speed Hoists
Extended Handwheel Hoists
High Speed Hand Winch
Standard Screw Hoists
Differential Hoists

Wright Electric Hoists
Wright Motor Driven Trolleys
Timken and Self-Aligning Roller
Bearing Trolleys
Malleable Iron Trolleys
Double Beam Timken Trolleys
Hand Traveling Cranes

WRIGHT HIGH SPEED HOIST

Improved Model

The Wright High Speed Hoist is recommended where heavy loads must be lifted quickly and easily. Its design, ruggedness, and precision of manufacturing mean long life—50 to 100 per cent longer life than the ordinary spur geared hoist.

All exposed parts are zinc coated.

The main driving spindle and load wheel shafts run on ball bearings which greatly reduces wear at these vital points. The hoist is easily oiled—spring covered oil tubes go to all vital parts.

A Timken Tapered Roller Bearing at the lower swivel hook prevents the load chain from becoming twisted. Thus, the load chain always rides squarely into the load wheel pockets. This feature reduces wear, insures against unevenness of motion, and eliminates all possibility of break due to a shock load on a twist.

A new patented load chain guide completely shrouds the upper half of the load sheave—another Wright safety feature which prohibits the load chain from ever riding out of the load pockets, a condition that might have serious results. It also protects the load pockets from dust and dirt.

The load chain is of special analysis steel to give great strength and long life. Each link is electrically welded on the side, and is die formed to assure evenness of pitch.

A loop hand chain guide prevents the hand chain from fouling.

WRIGHT SCREW HOIST (Model 30)

The Wright Screw Hoist, Model 30, is a light and durable hoist, which requires a minimum of headroom.

The hoist is recommended for general repair work, where it must be continually carried about and operated in different places. It is adaptable to work on the horizontal—moving loads on rollers or skids, etc.

It is designed on the worm wheel and screw principle, is of few parts, and of extremely simple construction. All working parts are enclosed on a sealed dust-proof housing, packed with a special grease to insure years of service without undue wear.

The hoist will hold its load indefinitely at any point.

WRIGHT DIFFERENTIAL HOIST

The Wright Differential Hoist is recommended where a hoist will be used infrequently and where conditions are such that a highly efficient hoist, such as the Wright High Speed Hoist, is not necessary.

It is a light weight, simple and reliable hoist that can be depended upon at all times. Its speed compares with the High Speed Hoist, but the effort to raise the load is nearly three times as great.

Although the Wright Differential Hoist is low in price, it is not a cheap hoist. In fact, the design and materials are the best possible. It is constructed with extra-heavy load sheaves, malleable iron yokes, and heat-treated, drop-forged hooks.

The load chain is made of special analysis steel and the chain meshes perfectly in the carefully formed load pockets.

The hoist will hold its load indefinitely at any point.



WRIGHT-WAY HOIST

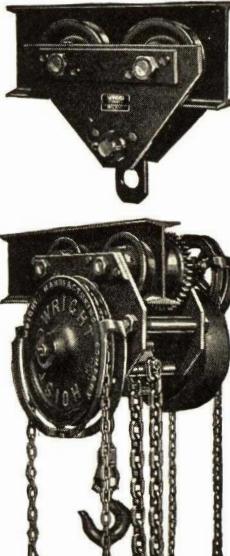
The Wright-Way Hoist is a refinement of the differential type. When lifting the wheels operate on ball bearings which reduce friction to a minimum. A roller bearing lower swivel hook prevents the lower sheave from twisting so that the chain always rides squarely in the load wheel pockets, eliminating unnecessary wear and resulting in easier operation.

Load wheel pockets are precision formed so that the electrically welded die formed chain fits them perfectly. The Wright-Way Hoist operates so easily that a ratchet is provided to prevent the load from lowering too rapidly. There are no springs or delicate parts to get out of order. This hoist will outwear the ordinary differential hoist in addition to providing for easy and quick lifting.



WRIGHT TIMKEN TROLLEYS AND ARMY TYPE TROLLEY HOISTS

Wright Timken Tapered Roller Bearing Trolleys are constructed with heavy steel side plates and chilled tread wheels, which revolve on Timken Bearings thus giving the trolley extreme durability and ease of operation.



The Wright Self-Aligning Roller Bearing Trolley (a trolley identical to the Timken except for the bearings) can be furnished.

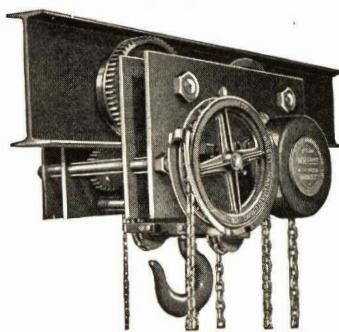


The Wright Army Type Trolley Hoist is constructed by building a Wright High Speed Hoist into a Wright Timken Tapered Roller Bearing Trolley and embodies all the exclusive features of both.

It is recommended for installations where headroom is limited and where a combined trolley and hoist are desirable.

WRIGHT LOW HEADROOM TROLLEY HOIST

The Wright Low Headroom Trolley Hoist, Type 600, is a special purpose hoist built for use where headroom is so limited that no other type of Wright Hoist and Trolley is adaptable. Because of its design for unusually low headroom installations, it is somewhat limited in flexibility. However, it embodies the features of the Wright High Speed Hoist and Timken Bearing Trolley for efficiency and ease of operation.



The trolley is constructed with steel side plates and equipped with Timken Tapered Roller Bearings. The hoisting mechanism is similar to that of the regular Wright High Speed Hoist. The minimum distance between bottom hook and I-beam on the 10 ton size is just 13 inches.